

AB05012HB200300 ADDA 12VDC 50x50x20mm Projector Blower Fan Datasheet



Brand: ADDA

SKU: 758063594098

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/ab05012hb200300-adda-12vdc-50x50x20mm-projector-blower-fan>

Product Description

The ADDA AB05012HB200300 is a specialized DC Centrifugal Blower designed to alleviate thermal impedance in compact electronic assemblies and optical projection systems. Featuring a high-torque DC motor and a precision Ball Bearing architecture, this unit delivers concentrated airflow pressure necessary for penetrating dense heat sinks found in high-performance equipment. The housing is engineered to maintain structural rigidity under thermal stress, ensuring consistent aerodynamic performance and longevity in demanding industrial environments.

Model Number: AB05012HB200300

Brand: ADDA (OEM for BenQ)

Product Type: DC Centrifugal Blower

Rated Voltage: 12VDC

Rated Current: 0.27 A

Power Consumption: 3.24 W

Dimensions: 50x50x20mm

Bearing Type: Ball Bearing

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Application: Projector Cooling

Primary usage of the AB05012HB200300 focuses on thermal regulation within digital projection systems, specifically serving as a critical cooling component for BenQ projectors. The high static pressure generated by the AB05012HB200300 allows it to effectively force air through restrictive optical channels and lamp housings. Additionally, this blower is utilized in compact industrial automation equipment and 3D printers where directed 90-degree airflow is required to prevent component overheating.

Supplemental Images

